

Message Text

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ACTION SY-05

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C O N F I D E N T I A L MOSCOW 16684

SY CHANNEL FOR ALLEN

FOR A/SY/OPS/T FROM TSO

E.O. 11652: GDS
TAGS: ASEC
SUBJECT: TSO COMMENTS ON PHASE III OF PROJECT

REF: APPENDIX 1 OF MUTS I AND II SURVEY

AFTER PERUSING APPENDIX 1, TSO OFFERS THE FOLLOWING COMMENTS.

1. A-2 SUGGEST THAT TWO ATTIC AND FOUR STORAGE HUT MEASUREMENTS BE INCLUDED IN THE SURVEY. THERE IS STILL NO CONSENSUS AS TO THE CENTRAL FOCAL POINT OF TRANSMITTED BEAM. ROOF MEASUREMENTS MIGHT ALSO BE CONSIDERED.

2. B-2 TSO HAS HP PLN 10367A CAMERA ADAPTER FOR 197A SCOPE CAMERS IF THIS IS ANY USE TO YOU.

3. B-4 YOU SHOULD NOT HAVE TO SPEND MORE THAN TWO MINUTES FOR EACH SCREEN REMOVAL/INSERTION OPERATION. WE HAVE SUPPLIES ON HAND TO REMAKE ANY SCREEN THAT MAY PROVE TO BE SOMEWHAT BALKY.

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4. D-4 NARDA 9500 1-12 GHZ GENERATOR IN POSSESSION OF TSO IN ADDITION TO SG8000 AT STATION.

5. D-8 A CONSTANT VOLTAGE TRANSFORMER IS MANDATORY. MOSCOW SUFFERS FROM SEVERE SPIKES. MUTS I TEAM RAN ON VARIACS AND BLEW SEVERAL PIECES OF EQUIPMENT. ALSO WE ARE NOW IN PROCESS OF CONVERTING POWER AND

SPIKES/IMBALANCES ARE EVEN WORSE. ALSO BE ADVISED THAT
NEARLY ALL SOURCES OF 220V POWER WILL REQUIRE A TAN-
DEM SLOT PLUG, NOT COMMON PARALLEL SLOT PLUG.

6. D-9 HP TESTMOBILE WILL BE AT YOUR DISPOSAL.

7. E-1-N TSO HAS 901 AND SCOPE AS DOES STATION.

8. THE FOLLOWING DIFFICULTIES WILL PRESENT THEM-
SELVES AT THESE MEASUREMENT POINTS.

- A. L6, H3, AND A3 CANNOT BE MADE BECAUSE THE
- WINDOWS NO LONGER EXIST.
- B. V4/V1 MUST BE MADE EXTERIOR TO THE CHANCERY
- AND SPECIAL PRECAUTIONS OF AN ALERTING
- NATURE WILL BE NEEDED TO KEEP OUT UNWANTED
- SOVIET VISITORS.
- C. P5, J5, AND E4 WILL HAVE TO BE MADE THROUGH
- CROSSED STEEL GRILLWORK ABOUT 6" ON CENTER.
- D. MEASUREMENT E4 CAN BE MADE ONLY IF BARRELHOUSE
- OR YOU REMOVE SUBSTANTIAL AMOUNTS OF STORED
- EQUIPMENT FROM THE STAIRWELL.

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- E. DUE TO CURRENT CONSTRUCTION, THE TENTH FLOOR
- DIFFERS CONSIDERABLY FROM YOUR FLOOR PLANS
- BUT THIS SHOULD NOT AFFECT THE MEASUREMENTS
- TO ANY SUBSTANTIAL DEGREE.

9. YOU MIGHT WISH TO CONSIDER USING A SPIRAL TO CHECK
FOR CIRCULAR POLARIZATION. POWER
MEASUREMENTS WOULD HAVE TO BE ADJUSTED IF THIS IS
THE CASE.

10. ALTHOUGH DATA COULD PROBABLY BE EXTRACTED FROM
PRESENT SET OF MEASUREMENTS, IT SEEMS PROFITABLE TO
MAKE A SERIES OF MEASUREMENTS (TOWARDS THE END OF
THE SURVEY) THAT PROBES THE TRUE UNDISTURBED WAVE-
FRONT POWER DENSITY. THESE WOULD PROBABLY BE MADE BY
PLACING THE ANTENNA ON A LONG POLE AND POKING IT THROUGH
AS MANY WINDOWS AS POSSIBLE.

11. PLEASE ADVISE LENGTH OF TIME THAT YOU THINK AN
OFFICE MUST BE VACANT IN ORDER FOR YOU TO COMPLETE
A MEASUREMENT SERIES.

12. LOOKING FORWARD TO YOUR ARRIVAL. PLEASE CONFIRM
TRAVEL PLANS AS EARLY AS POSSIBLE SINCE HOUSING SIT-
UATION IS STILL TIGHT. MATLOCK

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NNN

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